

# OPPalyte™ MO747 - Oriented Polypropylene Film

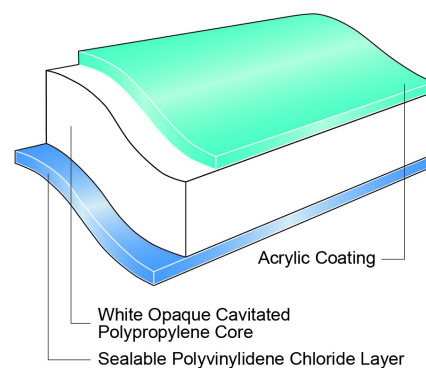
## FLEXIBLE PACKAGING PRODUCT DATA SHEET

### Product Description

OPPalyte™ MO747 is a white opaque biaxially oriented polypropylene film, coated on one side acrylic, one side PVdC. it provides excellent performances on all packaging machines.

### Key Features

- Broad sealing range on acrylic side
- Excellent aroma, oxygen, and moisture barriers
- Superior opacity
- High yield
- Excellent stiffness
- Coatings are mutually compatible and compatible with converter-applied PVdC coatings.
- Excellent base for converter-applied coatings
- Solvent-free coatings
- Ideal support fo water-based ink printing on acrylic side
- Improved barrier to Mineral Oils compared to non-barrier film<sup>(1)</sup>
- Significant mineral oils contamination protection period of more than 2 years



### Properties & Typical Values

Properties	Unit	36MO747	50MO747	Test Method
Yield	m <sup>2</sup> /kg	40.4	29.9	ITM 01
Unit Weight	g/m <sup>2</sup>	24.8	33.4	ITM 01
Film Thickness	µm	36	50	ITM 02
Gloss (45°) - Acrylic Surface		100	100	ITM 14
Light Transmission	%	22.0	16.5	ITM 06
Tensile Strength at Break - MD TD 200 mm/min pull rate, 120 mm jaw separation	Mpa	115 170	115 170	ITM 50
Dimensional Stability 135°C / 275°F, 7 min - MD TD	%	-5.0 -6.0	-5.0 -6.0	ITM 37
Elongation at Break - MD TD 200 mm/min pull rate, 120 mm jaw separation	%	130 50	130 50	ITM 50
Elastic Modulus - MD TD	Mpa	1500 2500		ITM 50
Minimum Sealing Temperature (Min 300g/25mm) - 25N/cm <sup>2</sup> - 0,5 sec - Flat/Flat PVdC/PVdC	°C	100	100	ITM 26
Heat Seal Range (RDM)				
Acrylic/Acrylic - RDM - 25N/cm <sup>2</sup> - 0.5 sec - Flat/Flat	°C	55	55	ITM 26
PVdC/PVdC - RDM - 25N/cm <sup>2</sup> - 0.5 sec - Flat/Flat	°C	50	50	ITM 26
Coefficient of Friction				
Acrylic/Acrylic		0.25	0.25	ITM 20
PVdC/PVdC		0.35	0.35	ITM 20
Water Vapor Transmission Rate - 38°C, 90% RH	g/m <sup>2</sup> /24 hr	4.8	3.4	ITM 46
Oxygen Transmission Rate - 23°C, 0% RH	cm <sup>3</sup> /m <sup>2</sup> /24 hr	20	20	ITM 42

**TYPICAL VALUES SHOULD NOT BE CONSTRUED AS FINISHED PRODUCT SPECIFICATIONS (FPS).**

## Market Segments

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- ✓ Biscuits/Cookie/Crackers
- ✓ Confectionery, Sugar
- ✓ Confectionery, Chocolate
- ✓ Household and Detergents
- ✓ Ice Cream
- ✓ Box Overwrap
- ✓ Bakery
- ✓ Frozen Food
- ✓ Crisps and Snacks
- ✓ Confectionery, Gum
- ✓ Fresh Produce
- ✓ Health and Beauty Care
- ✓ Dry Foods and Beverage Powders

## Applications

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- ✓ Box Overwrap Flexible Packaging
- ✓ VFFS Flexible Packaging
- ✓ HFFS Flexible Packaging
- ✓ Pre-made Bags - Flexible Packaging

## Processing Method

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- ✓ Cold Seal Adhesive
- ✓ Solvent Flexographic Printing
- ✓ Inner Web Adhesive Lamination
- ✓ Solvent Rotogravure Printing
- ✓ Outer Web Adhesive Lamination
- ✓ Surface Print Unsupported

## Food Contact

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Any further regulatory information on this product (i.e. Food Contact application, Presence/absence of substances, Reach, ...) are accessible on the below link: <http://www.jindalfilms.com/login-register-docmg/>

## Legal Statement

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This product is not intended for or supported for use in pharmaceutical or medical applications requiring compliance with EU or US Pharmacopeia.

## Processing Statement

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Contact your Jindal Films Technical Service Representative for processing recommendations and guidelines.

## Storage

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You will find all information about storage conditions into the sign in area of our website <http://www.jindalfilms.com/login-register-docmg/>, under the section "Information on food safety and quality practices". The name of the document is "Storage recommendations".

## Footnotes

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1. (1) Please contact your sales representative to get quantitative data on film barrier properties to Mineral Oils (MOSH and MOAH).
2. Dimensional stability is reported for uncoated base film.
3. Please contact your Sales Representative for complete country availability.

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